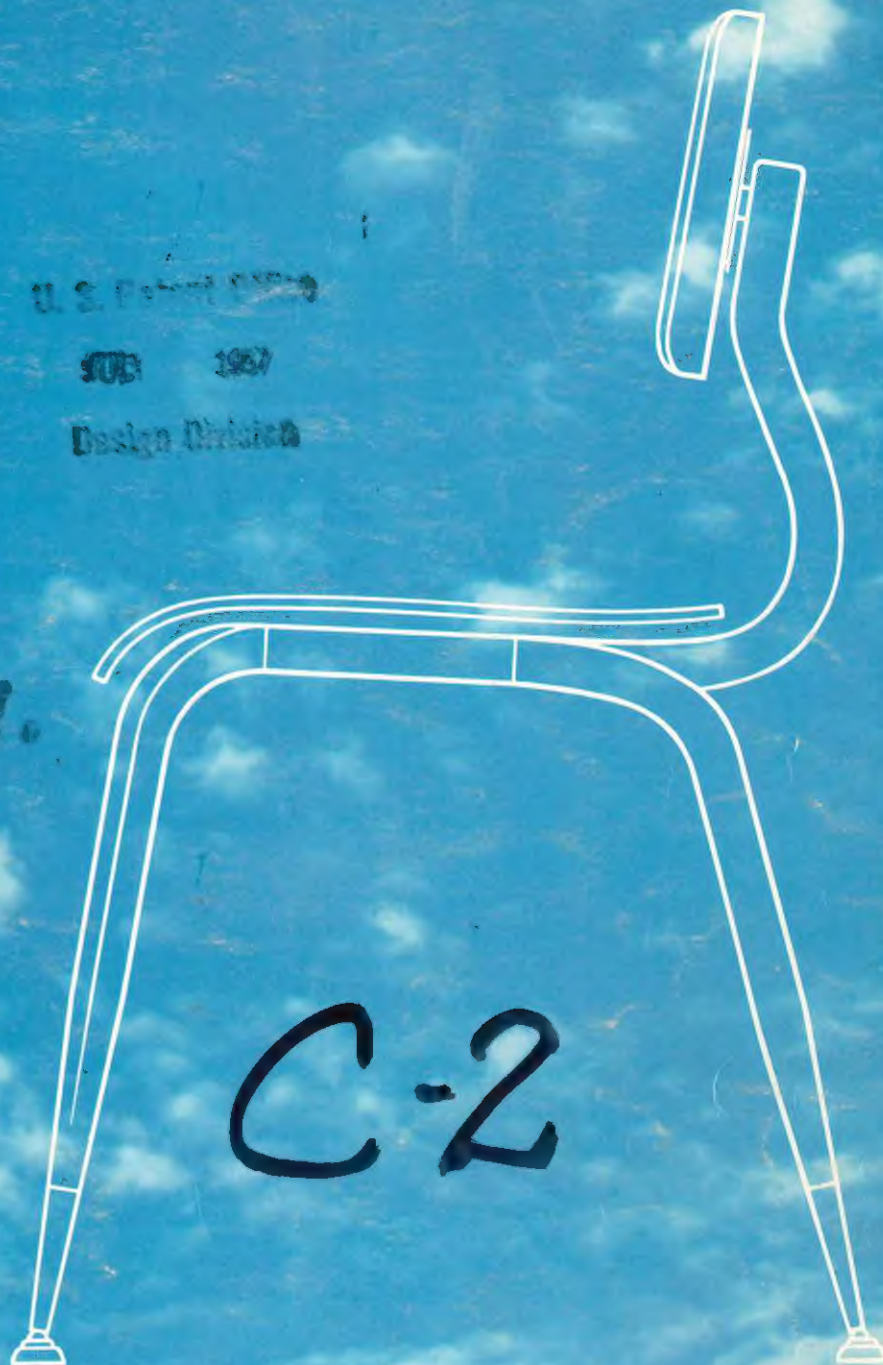


U.S. Patent Office

JUL 9 1957

Design Division

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C-2



QUADRALINE
by american desk

U.S. Patent Office

JUL 9 1957

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american desk manufacturing co.



temple, texas



WE at American Desk take pride in announcing the complete new Quadraline group.

After extensive research, we directed the most advanced engineering techniques to the design of furniture in keeping with today's realistic teaching methods and objectives.

Early acceptance of Quadraline by architects, school officials and parents alike is extremely gratifying. We believe when you compare this furniture feature by feature, you'll find it surpasses all others in styling, construction, durability . . . and value.

We would be happy to demonstrate to you how Quadraline in your school can bring a more pleasant environment, encourage the best in study and work habits.

A. P. BRASHEAR, JR.
President



U. S. PATENT 2,719,000

JUL 9 1957

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Tomorrow's Seating for Today's Student!

Quadraline combines the ruggedness of quadratic tubing with trim and graceful new lines in single, integral units of enduring appearance, extra stability. Complete absence of stretchers provides ease of maintenance . . . greater leg freedom and comfort.

Quadraline is coordinated for *all* educational needs — designed to meet the requirements of every room in your school.

Quadraline blends seating comfort, work-area efficiency and pleasing appearance with functional mobility for the most effective teacher-student relationship.

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Series 700 P Pedestal Tablet Arm Chair P. 6



Series 600 Chair Desk. . . . P. 7



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Fibre-glass back, seat, arm accessories P. 11



Upholstered back and seat accessories P. 11



Series 1600 Rectangular Table P. 12



Series 1700 Round Table. . P. 13



Series 1800 Half-Round Table P. 13



Series 1900 Trapezoidal Table P. 13



1410 & 1420 Instructor's Desk Pp. 14-15





U. S. PATENT OFFICE

JUL 9 1957

Design Division

classroom living . . . a businesslike approach

Here, the student counterpart of adult working facility provides more productive working conditions for both student and teacher. A desk that's exceptionally stable, yet easily moved . . . designed for privacy, yet excellent for group work.

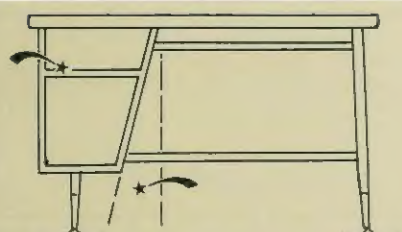
generous with work space economical with space requirements

A rugged, well balanced unit, readily adaptable to changing class needs. *Shown with 500 Series Chair.*

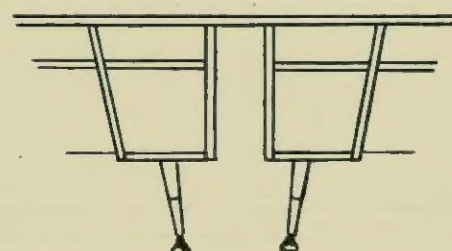
Right Pedestal Unit.

Refer to pages 16 and 17 for specifications and model numbers. Standard Metal Colors: Mint Green, Sea Blue, Coppertone, Mist Gray

Left-Pedestal unit.



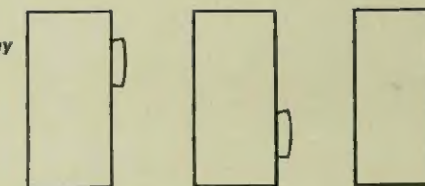
Book compartment constructed in one integral unit, reinforced on front and back leading edges with rectangular steel bars. Center shelf, with recessed utility tray. Side pedestal slanted to provide extra freedom and knee clearance. Work top 18" x 32".



Side-by-side seating gives 23" separation from student to student.

Refer to pages 16 and 17 for specifications and model numbers
Standard Metal Colors: Mint Green, Sea Blue, Coppertone, Mist Gray

Alternate book compartments permit staggered seating arrangements . . . allowing each student a "front row" seat.



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QUADRALINE
by american desk

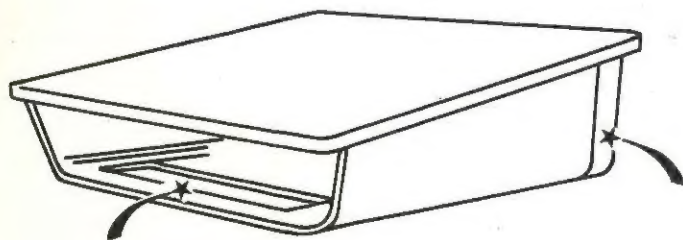


SERIES 1100

OPEN FRONT DESK

bright new colors
trim new lines

Shown with Series 500 Chair, the Open Front Desk combines graceful lines with rugged durability. Provides matched grouping flexibility. Desk is self-supporting — built as a single integral unit. Bottom of book compartment is embossed for added strength and to minimize contact of textbooks on surface of compartment.



Pencil Tray is die-formed into bottom of compartment to provide ample storage depth and to increase strength of compartment. Work top 18" x 24".



Groups side-by-side or front-to-front for a multitude of arrangements.

SERIES 1200

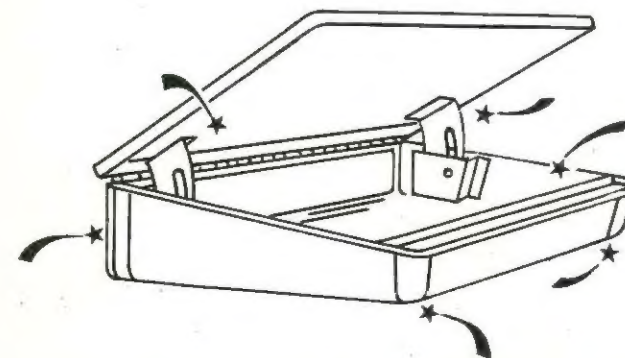
LIFT LID DESK

easy to manage
easy to maintain

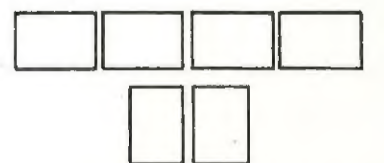
Mobile, flexible — a well coordinated work area. Book compartment is embossed for additional strength, corners are reinforced and a "piano" type hinge at back has adjustable non-slamming type mechanism on both sides. Pencil tray extends fully across front of compartment.

Shown with Series 500 Chair.

U. S. GOVERNMENT PRINTING OFFICE
JUL 1957
Design Division



Book compartment has reinforced corners, non-slamming adjustable mechanism, "piano" type hinge. Deep storage tray across front of compartment. Work top 18" x 24".



Groups side-by-side or front-to-front for a multitude of arrangements.



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Refer to pages 16 and 17 for specifications and model numbers
Standard Metal Colors:
Mint Green, Sea Blue, Coppertone, Mist Gray



QUADRALINE by american desk



Refer to pages 16 and 17 for specifications and model numbers
Standard Metal Colors:
Mint Green, Sea Blue, Coppertone, Mist Gray

SERIES 1000



Series 1000 Flat Top Desk

Fulfills all needs from single student to any large scale activity. Exceptionally strong, easy to manage and maintain. Work top 18" x 24".

Series 700 Tablet Arm Chair

Designed to correct writing angle for proper posture. Provides large work area with ample elbow support for right or left arm unit. Available with Fibre-glass back and seat. Work top 11½" x 23½".

Series 700-P Pedestal Tablet Arm Chair

A pleasing design for lasting service for those who desire a stationary lecture room unit. Available with book rack if desired. Work top 11½" x 23½". Fibre-glass back and seat available.



SERIES 700



CHAIR DESK

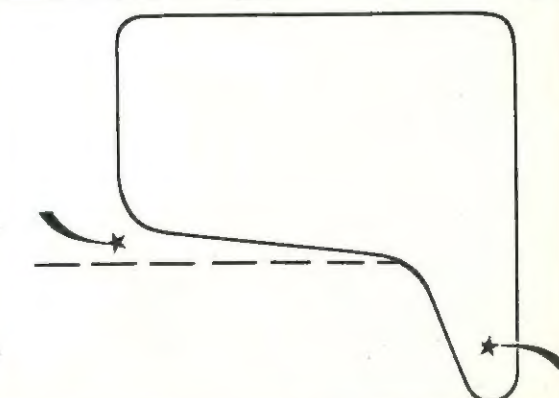


a large work area combining comfort and flexibility

The Chair Desk top is designed for ease of entry, maximum work area, proper elbow support. Fibre-plastic work surface for easy maintenance, lasting appearance. Highest quality materials, superior workmanship throughout. Available with Fibre-glass back and seat. Top size 23" x 21".

SERIES 600

GRADUATED HEIGHTS





1410 INSTRUCTOR'S DESK WITH SERIES 800 ARM CHAIR

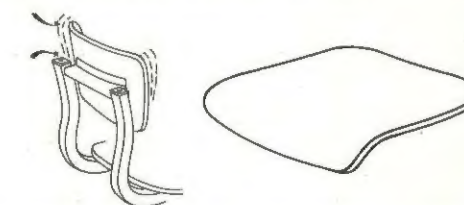
versatile — durable — efficient

The ruggedness of quadratic tubing . . . trim and graceful new lines . . . combined into single, integral units of outstanding stability. Complete absence of stretchers provides ease of maintenance . . . greater leg freedom and comfort. Maximum level work top — 18" x 16" x 24". Designed for multiple grouping possibilities. Available with Fibre-glass seat and back.

in lobby . . . in classroom . . . in reception area . . .

For all-purpose use, this instructor's chair complements lobby, reception areas, or offices. Combines rugged lines with graceful appearance and maximum comfort. Available with Fibre-glass arms, back and seat.

All Quadraline Chair Backs — of highest quality northern hardwood veneer molded to a deep radius for posture-control with full comfort. Tamper-proof tilting mechanism provides 8° adjustment on back. Tube closures permanently secured with spring steel retainers.

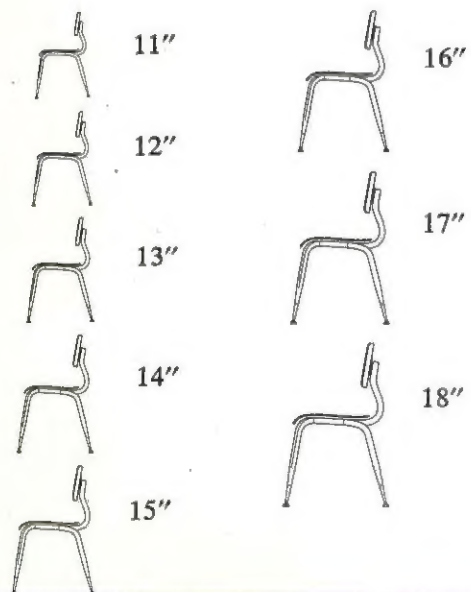


All Quadraline Chair Seats — of water resistant hardwood veneer molded to form a double-contour running from front-to-back and from side-to-side of seat. Seats and backs finished to resist water, acid, alkalis.

meets highest
class standards

A versatile unit that flexes and settles with weight distribution for genuine comfort. Complete absence of stretchers provides ample leg room. Molded plywood back has tamper-proof tilting mechanism allowing 8° automatic adjustment. Plywood seat molded to proper body contour. Plastic spacers on seat and compensating back minimize noise, insure lasting performance. Available with Fibre-glass or upholstered seat and back.

GRADUATED HEIGHTS



SEATING EXCELLENCE . . .

Complement any area with the finest in Quadraline design and comfort.



Series F500 Chair

Shown with Fibre-glass back and seat. Double contour running from front-to-back and from side-to-side of seat. Water resistant . . . lightweight . . . strong texture. Molded-in color offers easy maintenance.

Standard Fibre-glass Colors Available:
FW — White; FM — Gray; FC — Coral; FG — Green.

Series 800 UPH Chair

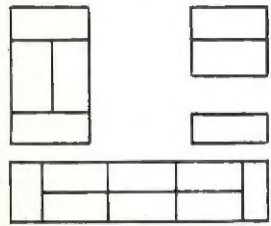
Seat, back and arm rests of Stafoam covered with top grade Naugahyde leatherette and banded with aluminum extrusions. Smooth, clean lines on all exposed surfaces. Available in Naugahyde Blue, Mocha, Coral.

Series 500 UPH Chair

Seat and back of Stafoam, covered with Naugahyde leatherette, banded with aluminum extrusions. Smooth, clean lines on all exposed surfaces. Available in Naugahyde Blue, Mocha, Coral.

SERIES 1600

RECTANGULAR TABLE



coordinated for
all educational needs

Works well in your library, classroom, conference room or cafeteria. Available with or without book compartments.

Heights 21" thru 29"

Top Sizes 24" x 48" thru 36" x 72"



ROUND — HALF ROUND TRAPEZOIDAL TABLES

SERIES 1700-1900

Series 1700 Round Table

The outstanding all-purpose table for the multi-purpose room.

Series 1900 Trapezoidal Series 1800 Half-Round

No limit to the interesting grouping arrangement possible with these mobile tables. Use singly or in multiples to co-operate perfectly with all class activities. Top construction identical to Series 1600 Table. Heights 21" thru 29".



Series 1800
Half-Round



Series 1900
Trapezoidal

TABLE TOP

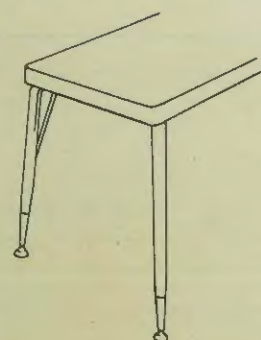


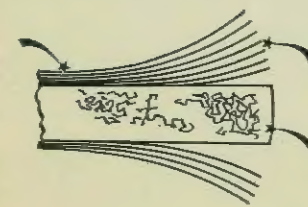
Table tops (and Instructor's Desk Tops) have full 1 1/4" solid core edge-banded with plastic to match top surface. Pleasing radius on all corners. Equipped with V-Type metal stretcher at center line of table. Absence of rails provides greater freedom, improved appearance.

Refer to pages 16 and 17 for specifications and model numbers

Standard Metal Colors:

Mint Green, Sea Blue, Coppertone, Mist Gray

WRITING SURFACES



All Quadraline Writing Surfaces are pencil proof, scratch and heat resistant. Seven-layer high pressure laminated plastic surface laminated to a high density particle board (finely ground and impregnated with phenolic resin) and plastic backing sheet for balanced construction.

Refer to pages 16 and 17 for specifications and model numbers. Standard Metal Colors:

Mint Green, Sea Blue, Coppertone, Mist Gray

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QUADRALINE
by american desk



INSTRUCTOR'S DESK

SERIES 1410

SERIES 1420

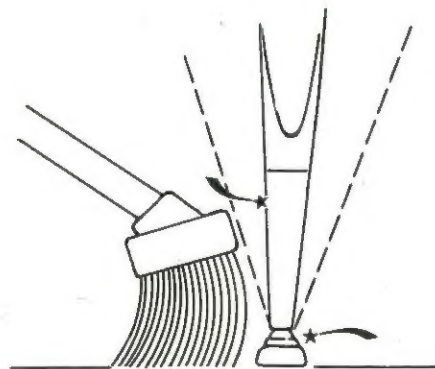
INSTRUCTOR'S DESK

From Teacher's Point of View

This teacher's desk is designed to harmonize with any individual Quadraline unit or group of units. Consultation type with recessed privacy panel to permit student to sit comfortably opposite instructor. 30" x 48" solid core top edge-banded with plastic to match top surface. A two-drawer pedestal desk with one deep file drawer. Shown with 800 Series Arm Chair.



All Quadraline Models have extended ferrules to resist rust, corrosion — protect leg finishes. Swivel Glide (fully rubber mounted) compensates for uneven surfaces, remains solidly on floor at all times, flexes to absorb weight distribution without shock or noise.



for office — classroom — conference room

This handsome double-pedestal desk is equipped with center drawer and locking pedestal drawers faced with plastic to match the 30" x 60" top. Top is reinforced and edge-banded with matching plastic. Equipped with recessed privacy panel, deep file drawer in each pedestal. Shown with Series 800 Arm Chair.

QUADRALINE BY AMERICAN DESK

MODEL NUMBERS

PATENTS PENDING ON ALL QUADRALINE MODELS.

500 SERIES — CHAIRS

Standard	With Rack	Height
501		11"
502		12"
503		13"
504		14"
505	555	15"
*506	*556	16"
*507	*557	17"
*508	*558	18"

*Available with Fibre-glass or upholstered back and seat. See Accessories.

600 SERIES — CHAIR DESKS

Model No.	Height
*606	16"
*607	17"
*608	18"

*Available with Fibre-glass back and seat. See Accessories.

700 SERIES — TABLET ARM CHAIRS

Model No.	Description	Height
*716	Right Hand	16"
*727	Left Hand	16"
*717	Right Hand	17"
*727	Left Hand	17"
*718	Right Hand	18"
*728	Left Hand	18"

*Pedestal type chair available. Also available with Fibre-glass back and seat. See Accessories.

800 SERIES — ARM CHAIRS

Model No.	Height
*806	16"
*807	17"
*808	18"

*Available with Fibre-glass or upholstered back, seat and arms. See Accessories.

900 SERIES — "COMBO"

Model No.	Height
*906	16/27
*907	17/28
*908	18/29

*Available with Fibre-glass back and seat. See Accessories.

STANDARD METAL COLOR DESIGNATION

Mint Green — G... Sea Blue — B...

Coppertone — C... Mist Gray — M.

Add Above Letter After Model Number for Metal Color Required

1000 SERIES — "FLAT-TOP" DESK

Model No.	Height
1007	27"
1008	28"
1009	29"

1100 SERIES — OPEN FRONT DESK

Model No.	Height	Model No.	Height
1102	22"	1106	26"
1103	23"	1107	27"
1104	24"	1108	28"
1105	25"	1109	29"

1200 SERIES — LIFT LID DESK

Model No.	Height	Model No.	Height
1202	22"	1206	26"
1203	23"	1207	27"
1204	24"	1208	28"
1205	25"	1209	29"

NOTE: On Student Desks where Pencil Groove is required, replace O with S in Model No.

1300 SERIES — JR EXEC

Model No.	Description	Height	Model No.	Description	Height
1311	Right Pedestal	21"	1325	Left Pedestal	25"
1321	Left Pedestal	21"	1316	Right Pedestal	26"
1312	Right Pedestal	22"	1326	Left Pedestal	26"
1322	Left Pedestal	22"	1317	Right Pedestal	27"
1313	Right Pedestal	23"	1327	Left Pedestal	27"
1323	Left Pedestal	23"	1318	Right Pedestal	28"
1314	Right Pedestal	24"	1328	Left Pedestal	28"
1324	Left Pedestal	24"	1319	Right Pedestal	29"
1315	Right Pedestal	25"	1329	Left Pedestal	29"

1400 SERIES — INSTRUCTOR'S DESK

Model No.	Size and Description	Model No.	Size and Description
1410	30 x 48 Single Pedestal	1420	30 x 60 Double Pedestal

TABLES — SIZE AND HEIGHT CHART

Height	24 x 48 Model No.	30 x 48 Model No.	30 x 60 Model No.	30 x 72 Model No.	36 x 72 Model No.	36 x 60 Model No.	36 x 36 Model No.	48" Round Model No.	48" 1/2-Round Model No.	30 x 60 Trapezoidal Model No.	36 x 36 Pedestal Type Model No.	48" Round Pedestal Type Model No.	Height
21"	1611	1621	1631	1641	1651	1661	1671	1721	1821	1921	2011	2021	21"
22"	1612	1622	1632	1642	1652	1662	1672	1722	1822	1922	2012	2022	22"
23"	1613	1623	1633	1643	1653	1663	1673	1723	1823	1923	2013	2023	23"
24"	1614	1624	1634	1644	1654	1664	1674	1724	1824	1924	2014	2024	24"
25"	1615	1625	1635	1645	1655	1665	1675	1725	1825	1925	2015	2025	25"
26"	1616	1626	1636	1646	1656	1666	1676	1726	1826	1926	2016	2026	26"
27"	1617	1627	1637	1647	1657	1667	1677	1727	1827	1927	2017	2027	27"
28"	1618	1628	1638	1648	1658	1668	1678	1728	1828	1928	2018	2028	28"
29"	1619	1629	1639	1649	1659	1669	1679	1729	1829	1929	2019	2029	29"

ACCESSORIES

To Specify Fibre-Glass Back and Seat on 16" - 17" - 18" heights in 500, 600, 700, 800, 900 Series Chairs, add prefix letter "F" followed by a second prefix letter for Fibre-glass color: M for gray, W for white, G for green, C for coral. Example: FM506B would represent a Fibre-glass 16" chair having gray plastics and blue metal.

To Specify Upholstered Chairs on 16" - 17" - 18" heights in 500 and 800 Series Chairs, add suffix letters UPH after model number and metal color, followed by one of the following upholstery colors: Mocha, Blue, Coral.

To Specify Pedestal Type Chair in No. 700 Series, add suffix letter "P" following model number. For Pedestal Tablet Arm Chair with Book Compartment, add suffix letters "PB."

GENERAL SPECIFICATIONS

FRAMES. Frames and legs shall be made of 1 1/8" square tubing continuously seam welded, and shall be of 18-gauge (.049") carbon steel. Lower extremities of all legs shall be tapered or swaged from 1 1/8" square tubing to 5/8" diameter round, thereby increasing wall thickness and creating a pleasing appearance. Where design requires the joining of one tubular part to another, the joint shall be brazed using high tensile nickel silver rod.

Bracing of legs shall be accomplished with heavy gauge steel plates and/or 3/8" x 5/8" 20-gauge (.035") carbon steel tubing, brazed and/or resistance welded to the adjacent part.

Chairs, tablet arm chairs, chair desks, arm chairs, "flat-top" desks, open front desks, and lift lid desks shall be self-supporting — built as a single, integral unit.

PLYWOOD. Backs, seats and arms shall be made of northern hardwood veneers free of knots, checks, sap streaks — laminated, using a water-resistant urea resin type adhesive. Backs shall be molded to a deep radius to provide support and comfort. Seats shall be molded to form a double contour running from front to back and from side to side of seat.

TOPS. Tops shall have a high pressure laminated plastic top surface (unless otherwise specified), in a natural birch printed pattern, laminated to a high density particle board balanced to resist warpage by application of a backing sheet of unprinted back plastic. Entire panel shall be laminated under high pressure using urea resin adhesive.

Tops on tablet arm chairs, chair desks, "combo" and student desks shall have a concave shaped edge, lacquer finished.

Tops on tables and teachers' desks shall be reinforced and edge banded with plastic to match top surface.

BOOK BOXES. Book boxes shall be made of 20-gauge (.035") sheet steel and shall be reinforced on all closed corners and closed by means of 18-gauge (.049") corner and edge gussets, resistance welded to sides and bottoms of box.

Lift Lid Type Book Boxes shall have a curled edge on sides and front, and shall be embossed for additional strength and provided with a storage tray across entire front of box.

A continuous "piano" type hinge shall be resistance welded across back side of box for securing top. Book box shall be provided with adjustable non-slamming type mechanisms on sides shielded to prevent any damage to textbooks.

Open Front Type Book Boxes shall have a wide flange on sides and back for attachment of tops. Front shall have a curled edge to strengthen opening. Bottoms shall be embossed to strengthen surface and to provide minimum contact of textbooks on surface of box. Deep pencil tray, die-formed into bottom of box.

BOOK RACKS. Book racks shall be made of bright basic steel rod. Lateral rods of 1/4" diameter; cross rods of 3/8" diameter, securely resistance welded together to form one integral unit. Whenever a model is specified with book rack, rack shall be permanently brazed to frame of model.

JR EXEC BOOK PEDESTAL. Jr Exec pedestal shall be made of 20-gauge (.035") steel and shall be reinforced on

front and back leading edges with 3/16" x 5/8" steel bars. Center shelf shall have recessed front utility tray. Entire structure shall be resistance welded into one integral unit.

TEACHER'S DESK PEDESTAL. Teacher's Desk pedestal shall be made of 20-gauge (.035") steel reinforced on front and back leading edges with 1 1/8" square tubing of 18-gauge (.049") steel, and reinforced by a network of steel angles and channels. Each pedestal shall be provided with a lock. Drawers shall be equipped with center drawer guides and steel runners. Drawers (unless specified) shall have a plastic face on front to match desk top.

CHAIR BACK SWIVEL. Chair backs shall be provided with a tilt mechanism to provide 8° adjustment on back. Tilt mechanism shall be totally enclosed and tamper-proof by virtue of the fact that swivel cover is riveted to and secures back panel to chair.

FINISH. All steel parts shall be finished with a high quality, high temperature baking enamel of a metallic type (unless otherwise specified) after being thoroughly cleaned and prepared with a phosphate coating.

All exposed wood surfaces and edges shall be finished by one coat of sealer and equivalent of two coats of lacquer. Lacquer used shall resist water, acid and alkalis. All other wood surfaces shall receive a coat of sealer to resist moisture absorption.

HARDWARE.

Glides. Rubber mounted type glides shall be fully nickel plated and shall swivel to provide a flatness with the floor surface at all times. Base of glides shall be 1 1/4" diameter (.050" thick) steel of file hardness. Glides shall have cups for tube and ferrule to fit in and spring steel retainer to hold glide securely in tubing.

Ferrules. Shall be provided on each leg (unless otherwise specified) to protect finish. Ferrules shall be anodized or nickel plated to resist rust and corrosion.

Rivets. Shall be of the semi-tubular or explosive type, nickel plated or equal, to resist rust and corrosion.

Screws, Nuts, Bolts, etc. Exposed screws, nuts and bolts shall be nickel plated or equal, to resist rust and corrosion. Screws shall have recessed slots in heads to prevent tampering.

Plastics. Plastic spacers shall be provided on seats and backs of all chairs to insulate between wood and metal surfaces, thereby reducing noise and insuring tightness of seats and backs.

Tube Closures. Tube ends shall be capped with a nickel plated tube closure retained in tube by an expanding spring steel grip retainer.





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DESIGN DIV.

In Quadraline — as in the entire American Desk line of seating equipment — Quality Control assures your complete satisfaction.

The entire manufacturing process is by controlled inspection — from the stage of raw steel and raw wood — to the completed and approved unit.

Improved electrostatic painting... exclusive electronic gluing... highest quality maple and birch veneers... the best grades of electrically fused steel... all carefully controlled with expert workmanship.

Quadraline by American Desk — Your Guarantee of Excellence.

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american desk manufacturing co. temple, texas